



Oxford Read and Discover

# Wonderful Water

# OXFORD

UNIVERSITY PRESS

Great Clarendon Street, Oxford OX2 6DP

Oxford University Press is a department of the University of Oxford. It furthers the University's objective of excellence in research, scholarship, and education by publishing worldwide in

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First published 2010

2014 2013 2012 2011 2010

10 9 8 7 6 5 4 3

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ISBN: 978 0 19 464376 4

An Audio CD Pack containing this book and a CD is also available

ISBN: 978 0 19 464416 7

The CD has a choice of American and British English recordings of the complete text.

An accompanying Activity Book is also available

ISBN: 978 0 19 464386 3

Printed in China

This book is printed on paper from certified and well-managed sources.

## ACKNOWLEDGEMENTS

Illustrations by: Tom Hughes pp14, 34; Alan Rowe pp26, 30, 32, 33, 35, 37, 38, 40, 41, 42, 43, 44, 46, 47; Martin Sanders / Beehive pp4, 8, 9, 25, 28, 29; Gary Swift pp7, 9, 14, 15, 19, 21.

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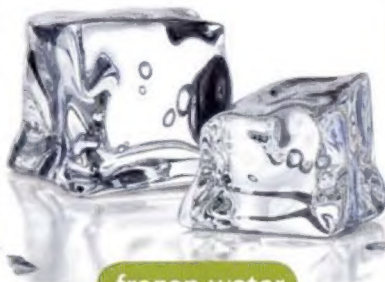


# Introduction

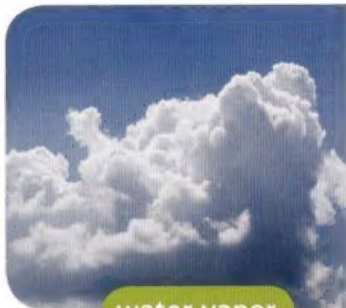
Water is all around us. We have liquid water in rivers and oceans. We have frozen water in ice and glaciers, and we have water vapor in clouds and steam. Water is very important.



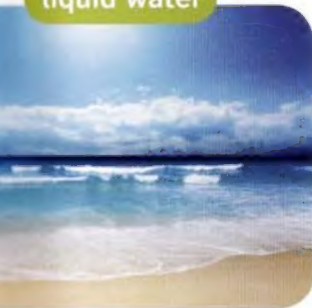
liquid water



frozen water



water vapor



How many oceans are there?  
What is the biggest ocean animal?  
How much water do we use to take a bath?  
What percent (%) of our body is water?



Now read and discover  
more about wonderful water!



# Salt Water

About 70% of Earth is covered with water. Most of the water is in the oceans. There are five oceans – the Pacific Ocean, the Atlantic Ocean, the Indian Ocean, the Southern Ocean, and the Arctic Ocean. The largest ocean is the Pacific Ocean. It's 156 million square kilometers. It's about 15 times bigger than the USA!

## Earth





There are also many seas on Earth.  
The largest sea is the South China Sea.  
It's 3 million square kilometers. One of the  
smallest seas is the Marmara Sea. It's only  
about 11,000 square kilometers.

All the water in the oceans and seas is  
salt water.

### Floating in the Dead Sea



The Dead Sea is about 30%  
salt. It's the saltiest sea on Earth.  
It's so salty, you can float in it!




Go to pages 24–25 for activities.

# 2


## Fresh Water

About 3% of the water on Earth is fresh water. Most of this fresh water is frozen. It's ice. It's in glaciers or polar ice caps.

Some of the fresh water is in lakes and rivers. One of the biggest lakes on Earth is Lake Superior in North America. It's about 82,000 square kilometers. The longest river on Earth is the River Nile in Africa. It's about 6,700 kilometers long.



River Nile



Lake Superior



Some of the fresh water is in the sky. It's in the clouds and the rain. Some of the water is in the soil, in rocks, or under the ground in caves.



Most of Earth is covered with water, but only about 1% is fresh water that we can drink. The rest is salt water or ice.

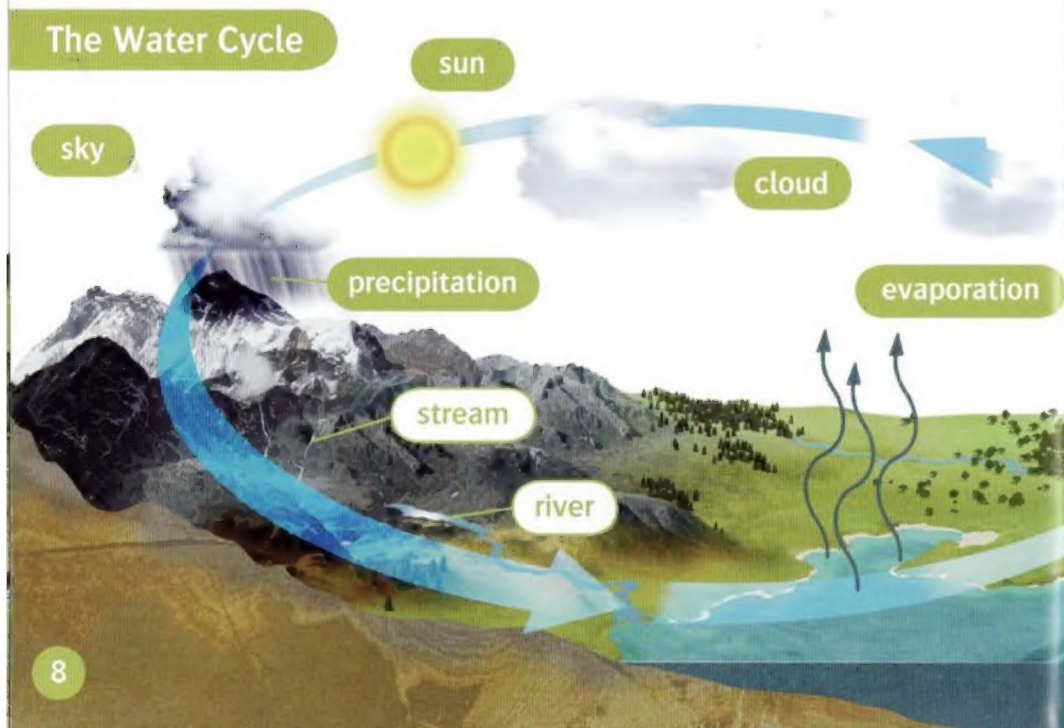


# 3

## The Water Cycle

Do you know where water comes from? When it rains, water falls from the sky. This is called precipitation. Rainwater goes into streams. Stream water goes into rivers. River water goes into seas and oceans.

When it's sunny, the ocean water gets warm. Some water goes up into the sky. This is called evaporation. The water in the sky makes clouds. Then it rains again. This is called the water cycle.





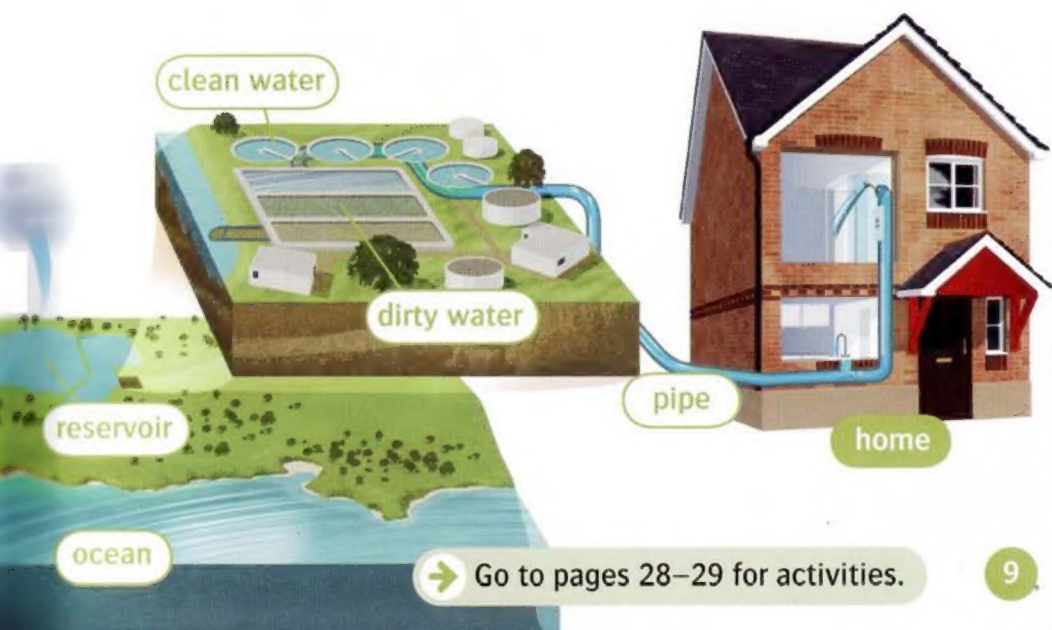
## A Reservoir



We're lucky to have water in our homes! About one billion people don't have clean water in their homes.



Most of the water we use comes from rivers and reservoirs. Clean water goes through pipes to our homes.



# 4

## Water at Home

We use a lot of water at home. We drink water and we cook with water. We also use water for washing.

We use about 80 liters of water when we take a bath. We use about 27 liters of water when we take a shower. We use water to brush our teeth and we also need water to flush the toilet. We use about 9 liters of water every time we flush.







We use water to wash and clean other things, too. We wash the dishes with water. We wash clothes with water. We wash and clean everything in the house with water!

# 5

## Water Activities

We use a lot of water outside the home. We need water for the food we eat. Meat comes from animals, and animals drink water. Fruits and vegetables also need water to grow. We need water to travel. We can travel by ship and by boat. We can also make power with water. Hydroelectricity is electricity made from water.



Making Electricity





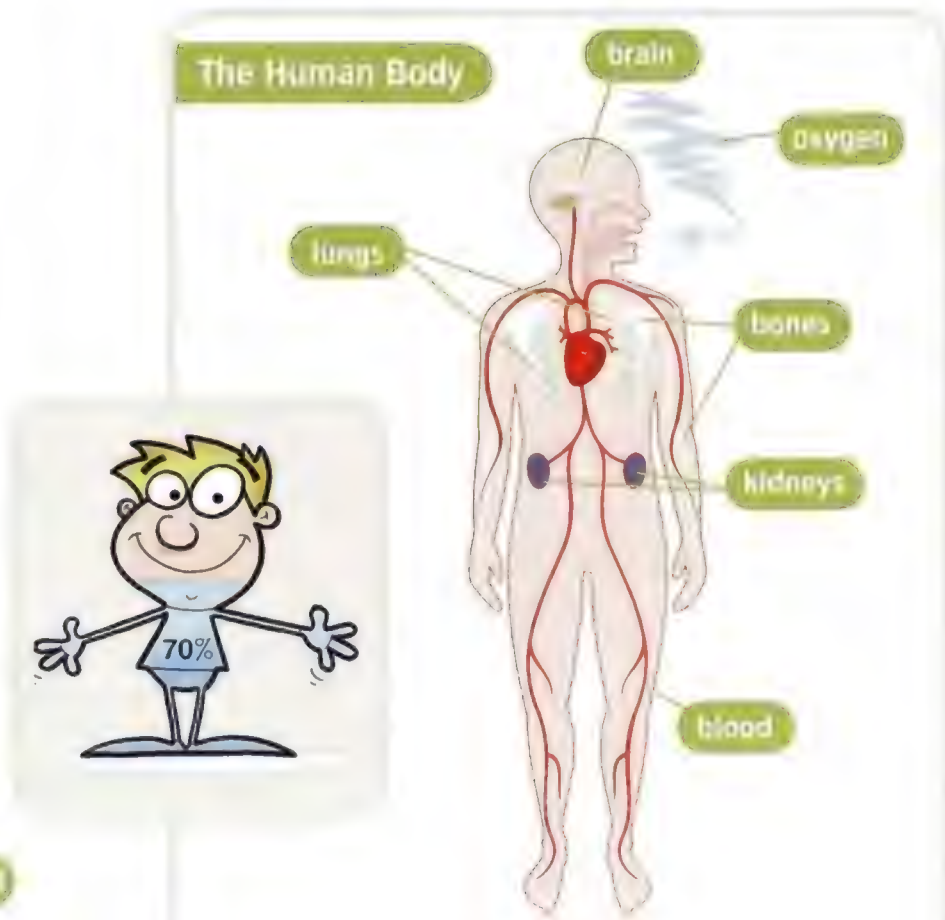
We have fun with water. We like to go to the beach in the summer. We also like to visit rivers and lakes.

Lots of sports need water. Sailing, surfing, swimming, waterskiing, and diving all use water. Which water sports do you like?

# 6

## We Need Water

The human body contains lots of water. Our body is about 70% water. Our brain is about 85% water and our bones are about 33% water. Water is very important for the human body. We can live for four weeks without food, but we can't live for more than about three days without water!







We need to drink about eight glasses of water every day. We need to drink even more water when we play sports and when it's hot. We need water because it keeps our blood healthy. Our blood is about 50% water. Blood takes food to different parts of our body. It takes oxygen from our lungs to other parts of our body, too.



If we don't drink water, our body gets dehydrated. If we're dehydrated, our kidneys and our brain don't work. Then we get very sick.



# 7

## Ocean Animals

Lots of animals live in water. Some animals live in salt water. They live in seas and oceans.

The biggest ocean animal is the blue whale. It can be more than 30 meters long and 200 metric tons. It eats very small ocean animals called krill. It can eat 4 metric tons of krill in a day! Blue whales live in most of the oceans.



The blue whale is the biggest animal on Earth. It can be as big as 25 elephants.



x 25

= 1 blue whale





### A Jellyfish

Many other animals live in salt water. There are sharks and lots of other fish. All ocean animals need water. Water gives them food and oxygen.

Jellyfish are not fish – they are invertebrates. They don't have a skeleton. They need water to support their bodies.

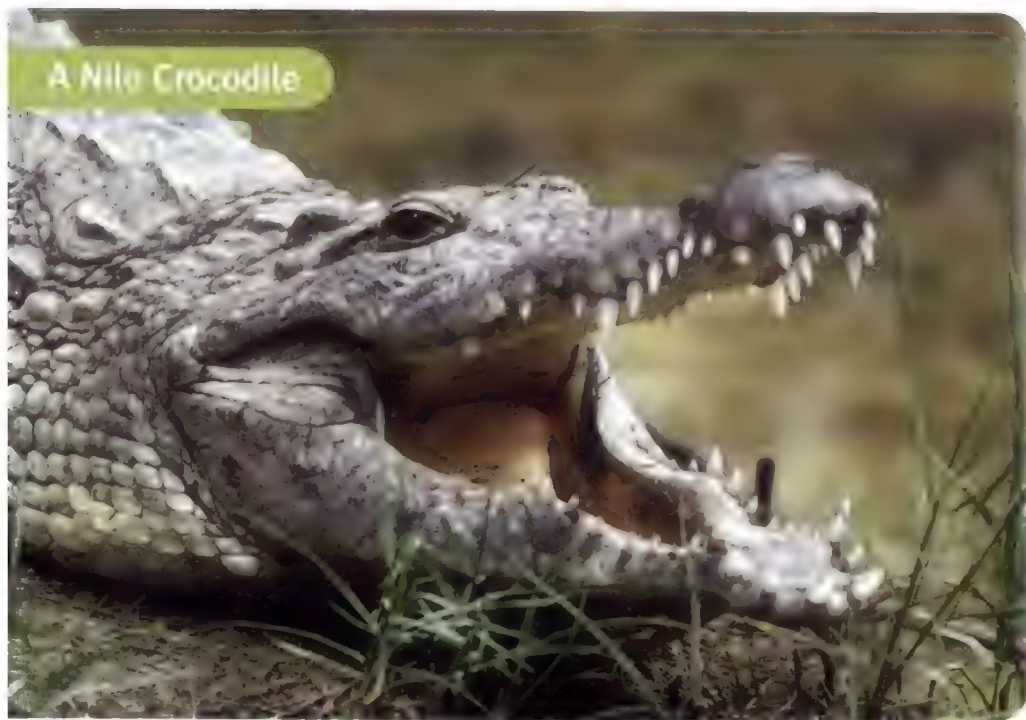


Go to pages 36–37 for activities.

# 8

## Other Animals

Some animals live in fresh water. They live in rivers and lakes. Fish, frogs, beavers, and ducks live in fresh water.



Big animals also live in fresh water. The Nile crocodile lives in rivers and lakes in Africa. When large animals come to drink, it pulls them under the water and eats them!



Land animals need water, too. They drink water. In the African savannah, animals, like zebras, giraffes, and elephants, come to the waterhole to drink. The savannah can be very hot and dry, and these animals cannot live without water.



Hippos need water to keep their skin healthy. They stay in water all day to keep cool. If they don't have water, they get sunburnt!





# 9

## Too Much Water

Floods can happen when there is too much rain. Rivers and lakes become very full. Floods can also happen when there are very big waves in the ocean.

Where there are floods, the water covers roads and paths. Cars and people can't get out of the area.



Just 60 centimeters of water can make a car float!





The water goes into houses, and people have to leave their homes. Sometimes they have to get on the roof of their house to wait for help. Cars and people can't get into the area to help. The police and firefighters rescue people with boats and helicopters.

Floods can be very dangerous. The water moves fast and it's very strong. Don't play in flood water!



Go to pages 40–41 for activities.

When there is no water, rivers and lakes become dry. Plants can't grow and animals can't drink. If there is no food and no water to drink, people die, too. Water is very important. We all need to save water.





You can save water at home. Turn off the water when you brush your teeth. Take a shower, not a bath. You can also save water outside the home. Collect rainwater to water plants. Don't throw things into rivers or lakes. People and animals need clean water, not dirty water.



Remember! Our Earth needs water. People, animals, and plants need water. Save our wonderful water!

# 1

# Salt Water

← Read pages 4–5.

## 1 Write *Sea* or *Ocean*.

- |                         |                     |
|-------------------------|---------------------|
| 1 Atlantic <u>Ocean</u> | 5 South China _____ |
| 2 Pacific _____         | 6 Indian _____      |
| 3 Dead _____            | 7 Arctic _____      |
| 4 Southern _____        | 8 Marmara _____     |

## 2 Write the numbers.

70   5   15   156   3   30   11,000

- 1 There are 5 oceans.
- 2 The Dead Sea is \_\_\_\_\_ % salt.
- 3 The South China Sea is \_\_\_\_\_ million square kilometers.
- 4 \_\_\_\_\_ % of Earth is covered with water.
- 5 The Pacific Ocean is \_\_\_\_\_ million square kilometers.
- 6 The Pacific Ocean is \_\_\_\_\_ times bigger than the USA.
- 7 The Marmara Sea is \_\_\_\_\_ square kilometers.

### 3 Write the words.



Atlantic Ocean

### 4 Where do you live? Draw ★ on the map.

I live in \_\_\_\_\_



# 2

## Fresh Water

← Read pages 6–7.

### 1 Write *true* or *false*.

- 1 30% of Earth's water is fresh water. false
- 2 Some of the fresh water is in the ocean. \_\_\_\_\_
- 3 Some of the fresh water is ice. \_\_\_\_\_
- 4 The longest river in the world is in North America. \_\_\_\_\_
- 5 Some fresh water is in clouds and rain. \_\_\_\_\_
- 6 We can drink all the water on Earth. \_\_\_\_\_

### 2 Find and write the words.



1 glacier

g	l	a	c	i	e	r
b	a	d	a	e	f	i
c	k	h	v	g	o	v
a	e	i	e	r	u	e
b	s	r	a	i	n	r
s	o	i	l	j	l	a
e	t	c	l	o	u	d



5 \_\_\_\_\_



2 \_\_\_\_\_



6 \_\_\_\_\_



3 \_\_\_\_\_

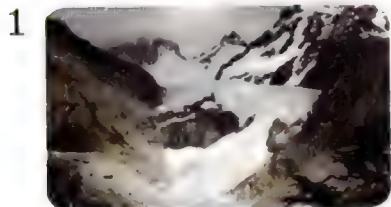


4 \_\_\_\_\_



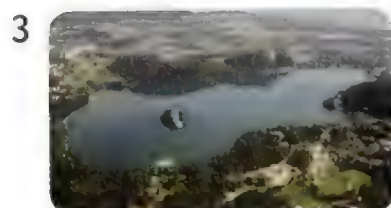
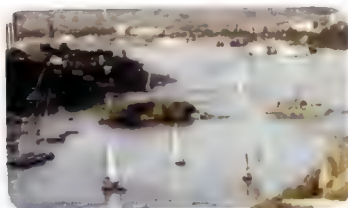
7 \_\_\_\_\_

### 3 Complete the sentences.



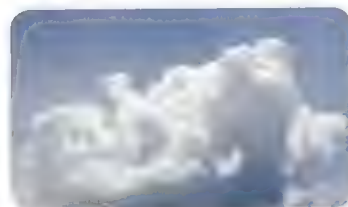
Some of Earth's fresh water is in glaciers.

2 Some of the water is \_\_\_\_\_.



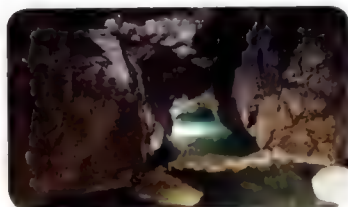
Some of the water \_\_\_\_\_.

4 Some of the \_\_\_\_\_.



Some of \_\_\_\_\_.

6 Some \_\_\_\_\_.



# 3

## The Water Cycle

← Read pages 8–9.

1 Circle the correct words.



- |                                      |                  |
|--------------------------------------|------------------|
| 1 evaporation / <u>precipitation</u> | 4 river / stream |
| 2 river / stream                     | 5 ocean / river  |
| 3 precipitation / evaporation        | 6 moon / sun     |

2 Number the sentences in order.

- ☐ It rains again.
- ☐ River water goes into the ocean.
- ☒ 1 It rains.
- ☐ The water goes up into the sky and makes clouds.
- ☐ Rainwater goes into streams.
- ☐ It's sunny and the ocean gets warm.
- ☐ Stream water goes into rivers.



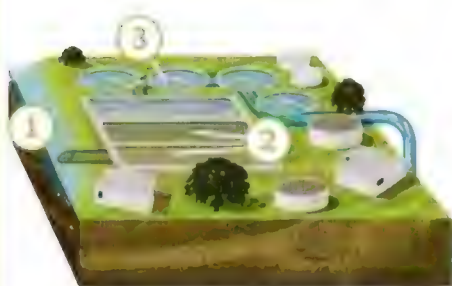
3 Follow the water. Write the words.

reservoir   home   dirty water   pipe   clean water

1 \_\_\_\_\_

4 \_\_\_\_\_

2 \_\_\_\_\_



3 \_\_\_\_\_

5 \_\_\_\_\_

4 Write *true* or *false*.

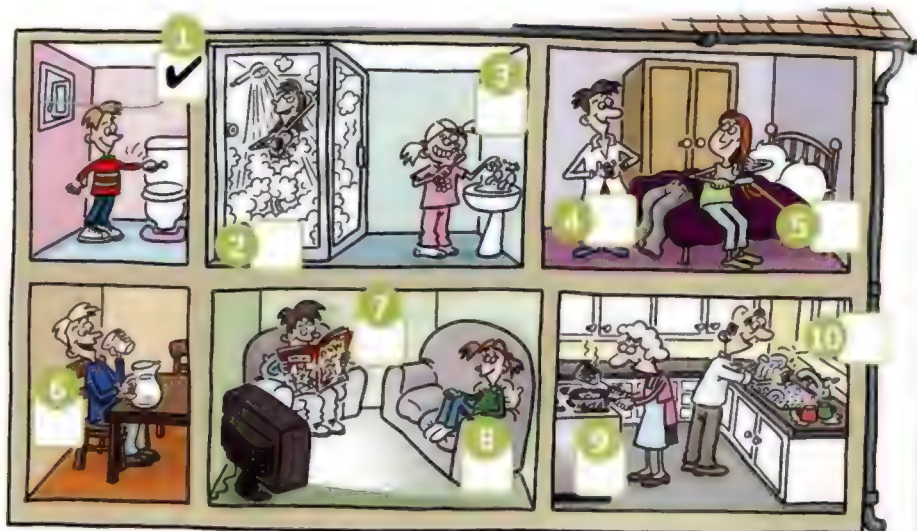
- 1 The water we use comes from rivers and reservoirs. \_\_\_\_\_
- 2 The water in the reservoir is too dirty to drink. \_\_\_\_\_
- 3 Dirty water goes through pipes to our homes. \_\_\_\_\_
- 4 Everybody has clean water at home. \_\_\_\_\_

# 4

## Water at Home

← Read pages 10–11.

1 Which activities use water? Write ✓ or X.



2 Look at the picture. Complete the sentences.

I wash   shower   I drink   my teeth   the toilet  
television   I cook   I read   some water   I brush  
dressed   my hair   a comic book   the dishes

- |                               |                  |
|-------------------------------|------------------|
| 1 I flush <u>the toilet</u> . | 6 _____.         |
| 2 I take a _____.             | 7 _____.         |
| 3 _____.                      | 8 I watch _____. |
| 4 I get _____.                | 9 _____.         |
| 5 I brush _____.              | 10 _____.        |

**3 Write the numbers.**      9    27    80

- 1 We use \_\_\_\_\_ liters of water to take a shower.
- 2 We use \_\_\_\_\_ liters of water to take a bath.
- 3 We use \_\_\_\_\_ liters of water to flush the toilet.

**4 What do you use water for? Draw and write.**



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# 5

## Water Activities

← Read pages 12–13.

### 1 Find and write the words.



1 \_\_\_\_\_



2 \_\_\_\_\_



3 \_\_\_\_\_



4 \_\_\_\_\_



5 \_\_\_\_\_



6 \_\_\_\_\_

v	v	e	g	e	t	a	b
e	a	m	e	n	a	n	l
g	r	p	l	g	m	t	a
e	a	n	i	m	a	l	s
t	f	o	p	a	d	t	o
a	r	i	c	b	h	e	m
b	u	l	l	o	b	o	e
l	i	g	l	a	o	c	a
e	t	r	e	t	a	g	t
s	h	i	p	p	e	h	l

### 2 Match.

- 1 Animals
- 2 Fruit and vegetables need
- 3 People travel
- 4 Hydroelectricity

water to grow.

is electricity made from water.

drink water.

by boat and by ship.

3 Circle the correct words. Then complete the chart.

1



waterskiing /  
swimming

2



surfing /  
horse riding

3



diving /  
sailing

4



sailing /  
swimming

5



tennis /  
waterskiing

6



sailing /  
surfing

7



soccer / diving

8



surfing / sailing

**Water Sports**

**Other Sports**



# 6

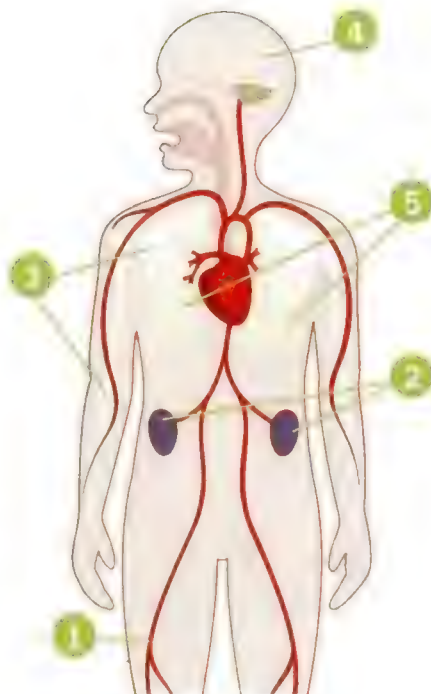
## We Need Water

← Read pages 14–15.

### 1 Write the words.

brain  
bones  
lungs  
kidneys  
blood

- 1 \_\_\_\_\_
- 2 \_\_\_\_\_
- 3 \_\_\_\_\_
- 4 \_\_\_\_\_
- 5 \_\_\_\_\_



### 2 Write *brain*, *bones*, or *blood*.

- 1 85% of our \_\_\_\_\_ is water.
- 2 Our \_\_\_\_\_ takes food to different parts of the body.
- 3 33% of our \_\_\_\_\_ is water.
- 4 If we're dehydrated, our \_\_\_\_\_ doesn't work.



### 3 Write the numbers. 4 3 70 8

- 1 About \_\_\_\_\_ % of our body is water.
- 2 We can live for \_\_\_\_\_ weeks without food.
- 3 We can't live for more than \_\_\_\_\_ days without water.
- 4 We need to drink \_\_\_\_\_ glasses of water every day.

### Match.

1



How much of our body is water?

Three days.



2



What does blood take to different parts of the body?

We get dehydrated.



3



How long can we live without water?

Oxygen and food.



4



What happens if we don't drink water?

About 70%.



# 7

## Ocean Animals

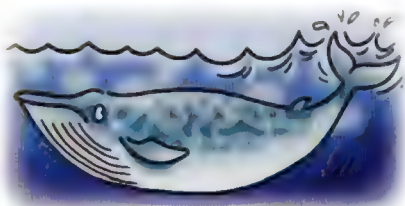
← Read pages 16–17.

### 1 Write *true* or *false*.

- 1 The water in seas and oceans is salt water. \_\_\_\_\_
- 2 The blue whale lives in the ocean. \_\_\_\_\_
- 3 Sharks are the biggest ocean animals. \_\_\_\_\_
- 4 Fish need oxygen. \_\_\_\_\_
- 5 Jellyfish have skeletons. \_\_\_\_\_
- 6 An elephant is bigger than a blue whale. \_\_\_\_\_

### 2 Complete the sentences.

ocean animals   biggest   big  
oceans   elephants   meters



The blue whale is the  
\_\_\_\_\_ ocean animal.

It can be more than  
30 \_\_\_\_\_ long.

It can be as \_\_\_\_\_ as 25 \_\_\_\_\_.

It eats lots of little \_\_\_\_\_.

Blue whales live in most \_\_\_\_\_.

3 What does water give ocean animals? Write.



1 f \_ \_ \_

2 o \_ \_ y \_ \_ \_



3 s \_ \_ p \_ \_ \_

4 Draw and write about two ocean animals.



This is a \_\_\_\_\_

It lives in \_\_\_\_\_

Water gives this animal \_\_\_\_\_

and \_\_\_\_\_



\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



# 8

## Other Animals

← Read pages 18–19.

- 1 Circle ☐ animals that live in fresh water and ☐ animals that live in salt water.



duck



jellyfish



whale



frog



shark



crocodile



beaver



hippo

- 2 Complete the chart.

Freshwater Animals	Saltwater Animals

### 3 Match.

1 Nile crocodiles

are land animals.

2 Zebras

need water to keep  
their skin healthy.

3 Hippos

eat other animals  
under water.

### 4 Draw and write about a land animal that you like.



This is a \_\_\_\_\_

It lives in \_\_\_\_\_

It eats \_\_\_\_\_

It drinks \_\_\_\_\_

I like it because \_\_\_\_\_

\_\_\_\_\_

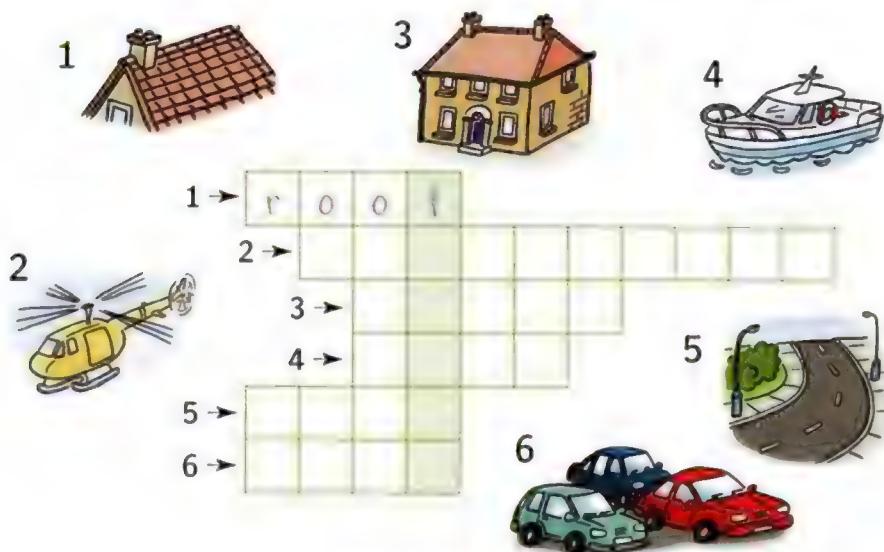
\_\_\_\_\_

← Read pages 20–21.

# 1 Circle the correct words.

- 1 Floods happen when there is too much rain / no rain.
- 2 People need to leave / go into their homes.
- 3 The police rescue people with cars and bicycles / boats and helicopters.
- 4 Play / Don't play in flood water!

# 2 Complete the puzzle. Write the secret word.



The secret word is:

--	--	--	--	--	--	--	--



4 Color the picture and write the words.



- |   |       |    |       |
|---|-------|----|-------|
| 1 | _____ | 6  | _____ |
| 2 | _____ | 7  | _____ |
| 3 | _____ | 8  | _____ |
| 4 | _____ | 9  | _____ |
| 5 | _____ | 10 | _____ |

← Read pages 22–23.

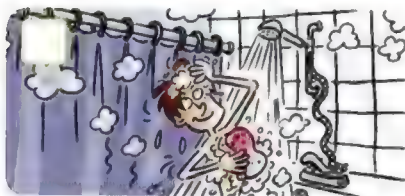
1 Write ✓ or X.



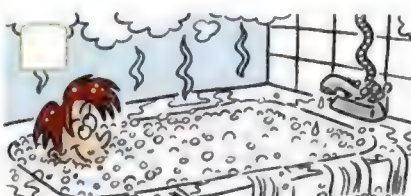
Don't turn off the water.



Turn off the water.



Take a shower.



Take a bath.



Collect rainwater.



Don't collect rainwater.



Don't throw things  
into rivers.



Throw things  
into rivers.

- 2** Design a poster. Write about how to save water.

Save Water!



# Picture Dictionary



beaver



cave



clean



clothes



dirty



dishes



diving



electricity



flood



flush



food



fruit



glacier



glass



ground



grow



ice



lake



ocean



percent  
(%)



plants



polar  
ice cap



river



rocks



roof



sailing



salt



sea



ship



shower



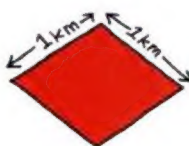
skeleton



skin



soil



square  
kilometer



stream



sunburnt



surfing



vegetables



waterskiing



waves



# Oxford Read and Discover

Series Editor: Hazel Geatches • CLIL Adviser: John Clegg

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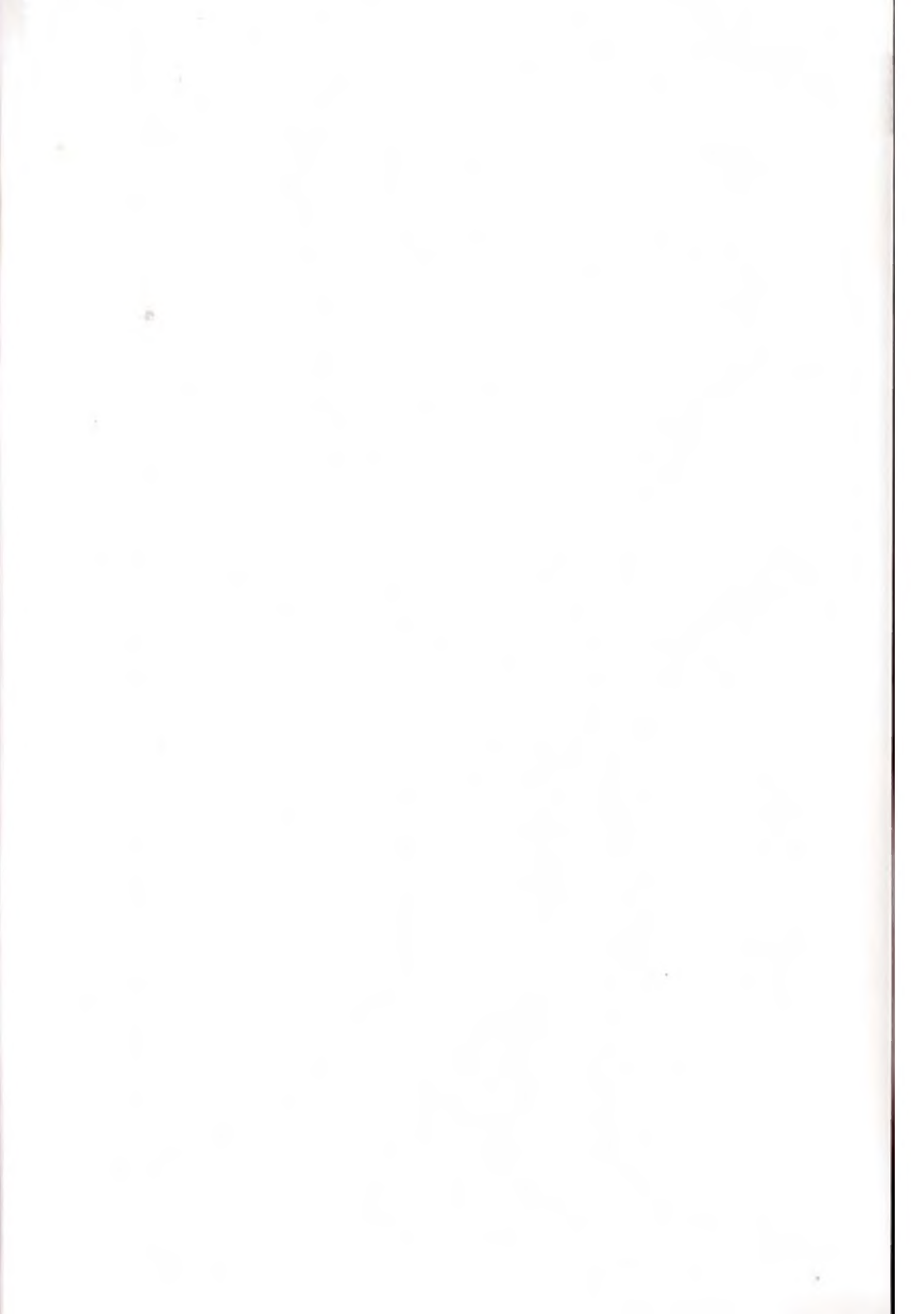
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Subject Area Level	The World of Science & Technology	The Natural World	The World of Arts & Social Studies
<b>3</b> 600 headwords	<ul style="list-style-type: none"><li>• Super Structures</li><li>• Your Five Senses</li><li>• How We Make Products</li><li>• Sound and Music</li></ul>	<ul style="list-style-type: none"><li>• Amazing Minibeasts</li><li>• Wonderful Water</li><li>• All About Rainforest Life</li><li>• Animals In the Air</li></ul>	<ul style="list-style-type: none"><li>• Free Time Around the World</li><li>• Festivals Around the World</li></ul>
<b>4</b> 750 headwords	<ul style="list-style-type: none"><li>• All About Plants</li><li>• Machines Then and Now</li><li>• Keeping Fit and Healthy</li><li>• Recycle, Recycle, Recycle</li></ul>	<ul style="list-style-type: none"><li>• All About Ocean Life</li><li>• Incredible Earth</li><li>• All About Desert Life</li><li>• Animals In the Night</li></ul>	<ul style="list-style-type: none"><li>• Wonders Of the Past</li><li>• Animals In Art</li></ul>
<b>5</b> 900 headwords	<ul style="list-style-type: none"><li>• Transportation Then and Now</li><li>• Wild Weather</li><li>• Materials To Products</li><li>• Medicine Then and Now</li></ul>	<ul style="list-style-type: none"><li>• Great Migrations</li><li>• Exploring Our World</li><li>• Animal Life Cycles</li><li>• Life On Islands</li></ul>	<ul style="list-style-type: none"><li>• Homes Around the World</li><li>• Our World In Art</li></ul>
<b>6</b> 1,050 headwords	<ul style="list-style-type: none"><li>• Clothes Then and Now</li><li>• Your Amazing Body</li><li>• Cells and Microbes</li><li>• Incredible Energy</li></ul>	<ul style="list-style-type: none"><li>• All About Space</li><li>• Caring For Our Planet</li><li>• Earth Then and Now</li><li>• Wonderful Ecosystems</li></ul>	<ul style="list-style-type: none"><li>• Food Around the World</li><li>• Helping Around the World</li></ul>

**Oxford Read and Discover** readers shown in GRAY available early 2011.

For younger students, **Dolphin Readers** Levels Starter, 1, and 2 are available.







Oxford Read and Discover

# Wonderful Water

Cheryl Palin


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- What is the biggest ocean animal?

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Word count for this reader: 1,273

✓  **Level 3**  
600 headwords

 **Level 4**  
750 headwords

 **Level 5**  
900 headwords

 **Level 6**  
1,050 headwords

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**OXFORD**  
UNIVERSITY PRESS

[www.oup.com/elt](http://www.oup.com/elt)

OXFORD ENGLISH  
ISBN 978-0-19-464376-4



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